

[025] Abstract

A multi-mode cryptographic token that has at least one mode that allows for a certain period of time or number of operations to pass before requiring a user to logon.

A predefined cryptographic operation is performed in each mode.

Each mode has a predetermined expiration period or number of operations after which the most recent logon is no longer valid.

The expiration date is compared with the present time obtained from the authenticator which requests the operation, or checked by the internal Mode Decrementing Counter, respectively.